

ZUKOWSKI, Roman

Character features of a manager. Wiadom gorn 12 no. 12:
433-435 D '61.

ZUKOWSKI, Roman, mgr. inż.

The assorting of coal and the development of its export.
Przegl gorn 18 no. 7/8:447-449 J1-Ag '62.

ZUKOWSKI, Roman, mgr inz.

For higher quality coal. Wiadom gorn 13 no. 7/8:249-250
JL-Ag '62.

ZUKOWSKI, R.

Two species of butterflies little-known in Poland, Prays curtisellus Don. and Semasia diniana Guen., among the fauna of Pieniny National Park. p. 25

SYLWAN. (Wydział Nauk Rolniczych i Lesnych Polskiej Akademii Nauk i Polskie Towarzystwo Lesne) Warszawa, Poland (Journal on forestry issued by the Section of Agricultural and Forestry Sciences, Polish Academy of Sciences; and the Polish Society of Forestry; with English and Russian summaries. Includes supplements; Biuletyn Instytutu Badawczego Lesnictwa, bulletin of the Forest Research Institute; Biuletyn Instytutu Technologii Drewna, bulletin of the Institute of Wood Technology; Przegląd Dokumentacyjny Drzewnictwa, documentation of the Institute of Wood Technology; and Przegląd Dokumentacyjny Lesnictwa, documentation of the Forest Research Institute. Monthly)
Vol. 101, no. 4, Apr. 1957

Monthly List of East European Accessions Index (EEAI) LC, Vol. 8, no. 6, June 1959
Uncl.

ZUKOWSKI, Roman, mgr., inz.

Colliery and coal export. Przegl garn 17 no.11:598-600
N '61.

ZUKOWSKI, R.

Could the building of a dam in the Dunajec River valley near Czorsztyn change the butterfly fauna of Pieniny?

P. 15. (WSZECHSWIAT) (Warszawa, Poland) No. 1, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

EXCERPTA MEDICA See 10 Vol 11/11 Obst. & Gyn. Nov 58

1821. HYPERTHYROIDISM AND PREGNANCY - Nadczynność tarczycy a ciąża -
Zukowski W. II Klin. Chor. Wewn. A.M. i Wojewódzkiej Poradni
Chorob Tarczycy, Wrocław - POL. ARCH. MED. WEWNET. 1957, 27/10
(1391-1395)

Of 20 hyperthyroid pregnant women treated with methylthiouracil, 10 gave birth to
12 full-time infants of normal weight and free from goitre. The children's
development was normal. Two severe complications of pregnancy (miscarriage
and death of a foetus) are explained by the fact that methylthiouracil had not yet
had time to suppress the hyperthyroidism. (VI, 10)

KNAPIKOWA, Danuta; ZUKOWSKI, Wojciech

Effect of the autonomic system on the behavior of nodal rhythm.
Polskie arch. med. wewn. 31 no.3:329-335 '61.

1. Z II Kliniki Chorob Wewnętrznych A.M. we Wrocławiu Kierownik:
prof. dr med. A. Falkiewicz.

(HEART physiol) (AUTONOMIC NERVOUS SYSTEM physiol)

ZUKOMSKI, Wojciech; GRUBSKA, Stanislaw

Contribution to the pathogenesis of gynecomastia. Pol. tyg. lek.
19 no.38:1452-1454 21 3 '64

1. Z II Kliniki Chir. Wewnetrznych Akademii Medycznej we
Wroclawiu (Kierownik: prof. dr. med. Antoni Falkiewicz).

FALKIEWICZ, Antoni; TAWLAS, Nikos; ZUKOWSKI, Wojciech.

On cases of variable ventricular repolarization. Pol. arch.
med.wewnet. 34 no.3:357-361 '64

1. Z II Kliniki Chorob Wewnętrznych AM we Wrocławiu; kierow-
nik: prof.dr.med. A.Falkiewicz.

*

POLEND

GRUSZKA, Stanislaw; Franciszek ROSCISKI and Wojciech
KOSCIK; Second Clinic of Internal Diseases (II Klinika
Georgii Wainstranzen), AM /Akademia Medyczna -- Medical
School in Wroclaw, Director: Prof Dr Med A. FALCZAK
and the First Clinic of Surgery (I Klinika Chirurgiczna)
of the AM in Wroclaw, Director: Prof Dr Med K. CZYZAKSKI.

"A Case of Primary Neurofibrosarcoma of the Liver"
Krakow. Przerlad Lekarski, Vol 18, No 12, 62, pp 472-474.

Abstract: [Authors' English summary - edited] A description
is given of the case of a 49-year old man with neurofibro-
sarcoma of the liver, rare both clinically and histologic-
ally. The authors have found no description of a similar
case in the available literature, either Polish or foreign.
1 illustration; 11 references, mostly Western.

L1/1

RANDOWA, Danuta; SMOLIK, Roman; ZUKOWSKI, Wojciech

Respiratory function tests in obesity. Pol. arch.med. wewnet.
34 no.2:183-188 '64.

1. Z Kliniki Gruźlicy Płuc AM we Wrocławiu (kierownik: prof.
dr.med. T.Garbinski) i z II Kliniki Chorob Wewnętrznych AM
we Wrocławiu (kierownik: prof.dr.med. A.Falkiewicz).

*

POLAND

ZUKOWSKI, Wojciech, Second Clinic of Internal Diseases (II Klinika Chorob Wewnętrznych), AM [Akademia Medyczna, Medical Academy] in Wrocław (Director: Prof. Dr. A. FALKIEWICZ) and Województwo Consultation Clinic for Thyroid Diseases (Wojewódzka Poradnia Chorob Tarczycy) in Wrocław (Director: Dr. med. A. PACYNSKI)

"Results of Treatment of the Adiposo-Genital Syndrome. Report of Four Cases."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 35, 26 Aug 63, pp 1308-1310

Abstract: [Author's English summary] Author discusses the etiology and diagnosis of the adiposo-genital syndrome, and describes four cases, in which good effects were achieved with Botica chorion gonadotropine and Bayer prolano treatment. There are four Polish references.

1/1

88835

P/010/60/008/004/001/002
D231/D301

3,9000(1041,1109,1327)

AUTHORS: Baran, Włodzimierz, and Żukowski, Wojciech

TITLE: The approximate calculation of the flattening of
the earth on the basis of observations of satel-
lite 1958 δ -1

PERIODICAL: Postępy astronomii, v. 8, no. 4, 1960, 245-249

TEXT: Since the flattening of the earth causes a change in the
right ascension of the ascending nodes of satellite orbits, ob-
servations of this change can give a measure of the flattening
(ϵ). Observations were used of the last stage of the carrier
rocket of satellite 1958 δ -1, as given by Refs. 1 and 2 (Ref. 1:
Rezultaty nablyudeni sovetskikh iskusstvennikh sputnikov zemli.
Sputnik 1958 δ -1 (raketa) / Results of Observations of Soviet
Artificial Earth Satellites. Sputnik 1958 δ -1 (rocket) Nos. 7
and 9, published by Institut teoreticheskoy astronomii, Akademii

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D231/D301

The approximate calculation ...

Nauk, SSSR), (Ref. 2: IGY World Data Center A. Rockets and Satellites. Number 6. Reports and analyses of satellite observations. Published by National Academy of Sciences-National Research Council). These data included the names and geographical coordinates of stations, times of observations, and the equatorial or azimuth coordinates for the observed rocket. In Ref. 2, the following orbit parameters were given: Distance of the perigee, argument of the apogee, nodal period of revolution of the satellite, mean change in the time of revolution per 24 hrs, and the eccentricity. The data given referred to June 26, 1958. The inclination of the orbit to the equatorial plane for August 5, 1958 was given in Ref. 3 (Ref. 3: Byulleten' instituta teoreticheskoy astronomii, v. 7, no. 7 (90), published by the Akademiya Nauk SSSR). From these data, most of which were approximate, 25 observations were selected for additional calculations and this number was subsequently reduced to 9. The stations selected,

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The approximate calculation ...

presented with their corresponding data in tabulated form, were: Biloxi, Oklahoma C, Ft. Belvoir, Memphis, Stockton, State College, Otaru, Cambridge and St. Paul, Minn. The authors then indicate an approximate method of calculating $\Delta\alpha_{\theta/1d}$ (change in the right ascension of the ascending node in 24 hrs). An expression is given relating the right ascension of the ascending node to the time of passage of the satellite through the ascending node, the geographical coordinates of the sub-satellite point, time of observation and to $\Delta\alpha_{\theta/1d}$. Correction is made for the change in geographical longitude of the ascending node, due to the Earth's rotation. From this, a set of equations is obtained which can be solved for $\Delta\alpha_{\theta/1d}$. Proskurin and Batrakov's equation, cited from Ref. 3 is given as follows

$$\Delta\alpha_{\theta/1d} = -J\left(\frac{a'}{a}\right)^2 \frac{\cos i}{(1-e^2)^2} n + J^2\left(\frac{a'}{a}\right)^4 \cos i \cdot \left(\frac{19}{6} \sin^2 i - \frac{5}{2}\right)n +$$

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The approximate calculation ...

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$$+ D \left(\frac{a'}{a}\right)^4 \cos i \left(\frac{3}{2} \sin^2 i - \frac{6}{7}\right)n$$

where: $\Delta\alpha_0$ - variable ascension of the primary vertex,

$n = \frac{360^\circ \cdot 1440^m}{P}$ - average movement of the day satellite, a' ...
semi-major axis of the Earth's ellipsoid, a - semi-major axis of
the artificial satellite orbit, i - declination of orbit plane
in relation to the Earth's equatorial plane, e - eccentricity of
orbit, $J = f(\epsilon) = \epsilon - \frac{m}{2} - \epsilon\left(\frac{\epsilon}{2} - \frac{m}{7}\right)$, $D = f(\epsilon)$, ϵ - flattening of

the Earth, $m = \frac{\omega^2 a'^3}{f m'} (1 - \epsilon)$, ω - angular velocity of the
Earth, m' - Earth's mass, f - constant gravitation; this equa-
tion is used in an approximate form to calculate the flattening
of the Earth from the values of $\Delta\alpha_0/d$ obtained by the authors.

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The approximate calculation ...

P/010/60/008/004/001/002
D231/D301

An analogous expression was derived in 1958 by King Hele [Ab-
stractor's note: This expression is not given]. Finally, some va-
lues of J (a function of ξ) are given, and a value of

$\frac{1}{298.8 \pm 2.6}$ is assigned to ξ . The present work resulted from a
Seminar in the Department of Geodesic Astronomy. There are 1 fi-
gure, 1 table and 3 references: 2 Soviet-bloc and 1 non-Soviet-
bloc. The reference to the English-language publication reads as
follows: "IGY World Data Center A. Rockets and Satellites. Num-
ber 6. Reports and analyses of satellite observations". Pub-
lished by National Academy of Sciences-National Research Council. ✓

ASSOCIATION: Katedra astronomii geodezyjnej (Department of Geo-
desic Astronomy) [Abstractor's note: No other de-
tails given].

Card 5/5

POLAND / Human and Animal Physiology\ Internal
Secretion. The thyroid Gland.

T

Abs Jour: Ref Zhur-Biol., No 22, 1958, 101987.

Author : Zukowski, Wojciech.

Inst : ~~Not given.~~

Title : Hyperthyreosis and Pregnancy.

Orig Pub: Polskie arch. med. wewnetrz., 1957, 27, No 10,
1391-1395.

Abstract: Females (12) with hyperthyreosis during pregnancy received methylthiouracil. In 10 females the pregnancy terminated in normal delivery, and the children did not show signs of disturbance of the thyroid gland function. In 2 women the fetus perished, which may be explained by the influence of hyperthyreosis, and not by toxicity of methylthiouracil.

Card 1/1

BARAN. Włodzimierz: ZUKOWSKI, Wojciech

Tentative approximate determination of the earth flattening based on the observation of the 1958 1 artificial satellite; seminar work at the Department of Geodesic Astronomy. Postępy astronomii 8 no.4:245-249 '60

ZUKOWSKI, Wojciech

Effect of D1 preparation on the course of post-adrenalin
leukocytosis. Arch.immun.ter.dosw. 8 no.2:297-304 '60.

1. II Klinika Chorob Wewnętrznych Akademii Medycznej we Wrocławiu
(BARBITURATES pharmacol)
(EPINEPHRINE pharmacol)
(LEUKOCYTOSIS exper)

SASS, Janina: ZUKOWSKI, Wojciech

Congenital and familial diabetes insipidus. Polaki tygod.
lek. 11 no.17:743-745 23 Apr 56.

1. Z I Klin. Pediat. AM we Wroc.: kier. prof. dr.
H. Hirszfildowa i z II Kliniki Chorob Wewn. AM we Wroc. kier.
prof. dr. A. Falkiewicz, Wroclaw, ul. Ukryta 16.
(DIABETES INSIPIDUS. heredity,
familial congen. cases (Pol))

ZUKOWSKI, Wojciech; GRUSZKA, Stanislaw; SMOLIK, Roman.

Cases of gynecomastia. Pol. tygod. lek. 19 no.37:12-1212
S 14 '64

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycyny
we Wrocławiu (Kierownik: prof. dr. med. Antoni Falkiewicz).

CHEMINSKA, Zofia; FALKOWSKI, Antoni; FALKOWSKI, Mojżeszek

Treatment of Hashimoto's disease with adrenal steroids.
arch. med. wnet. 34 no.6:773-776 1974

1. Chorob Wzrostkowych Akademia Medycyny we
Wroclawiu. (Kierownik: prof. dr. med. A. Falkowski).

ZUKOWSKI, Wojciech; GRUSZKA, Stanisław

Hemolytic syndrome in malignant granuloma. Pol. arch. med.
wewn. 34 no.7:973-976 '64.

1. Z II Kliniki Chorob Wewn. Akademii Medycznej wrocławia
(Kierownik: prof. dr. med. A. Falkiewicz).

KOLACZKOWSKI, S.; KOWALCZYK, J.; ZUKOWSKI, Z.

Chlorination of sewage in anti-tuberculosis sanatoria. Part I.
Relation of the survival of bacilli to the concentration of chlorins and to the duration of its activity. Acta Microb.polon. 8: 181-184 1959.

(SEWAGE microbiol.)
(TUBERCULOSIS hosp.& clin.)
(CHLORINE)

ZUKOVSKA, Z. ; OZOLS, A.

Forms and sorts of hazel trees for introduction in Latvia. p. 67.

BIOLOGICHESKAIA NAUKA; SELSKOMU I LESNOMU KHOZIAISTVU. (Latvijas PSR
Zinatnu akademijs. Biologijas zinatnu nodala) Riga, Latvia, No. 1, 1957.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

CH

Spectral sensitiveness of light-resistant coal tar colors.
A. Lauerbach and H. Zubrigel (Univ. Vienna). *Melliand Textilber.* 33, 535-7 (1952) (English summary). - The bleaching-out conditions of dyes were investigated by using sunlight with selective light filters and light intensification with the heliostat app., as well as with "black glass" employed in analytical lamps. The efficiency limit of the light was found to correspond to the double wavelength of the crit. extinction max. in the ultraviolet. Long wave light has a bleaching-out effect on certain dyes although the energy of the light quantum is not sufficient to split the dye mol. This is explained by assuming that the colored molecules are brought into an excited state, and when the original unexcited energy level is assumed again, several of the primarily taken up quanta are given up as luminescence of less quanta of a higher energy level. This energy is sufficient for the total decomposition of the dye mol. into the colorless compound. The phenomena of bleaching-out of dyed portions which are not directly exposed to light but adjacent to exposed dye fibers is explained similarly. E. Hückhorn

cient for the total decomposition of the dye mol. into the colorless compound. The phenomena of bleaching-out of dyed portions which are not directly exposed to light but adjacent to exposed dye fibers is explained similarly. E. Hückhorn

CA

Titration in nonaqueous solutions. VII. Titration in glacial acetic acid based on the formation of insoluble salts. (Oldřich Tomanek and Marie Zukriegelová (Charles Univ., Prague, Czech.). *Chem. Listy* 48, 213-7 (1952); cf. *C.A.* 45, 6971h; 46, 1302d. —LiCl and LiBr were potentiometrically and visually titrated in glacial AcOH solns. with 0.1 N Hg(OAc)₂, Pb(OAc)₂, and TlOAc in the same solvent. K₂Fe(CN)₆NO and dithizone were used as indicators for the Hg(OAc)₂ titration, neutral red (I), thionine (II), and safranine for the Pb(OAc)₂ titration, and I and II in the TlOAc titration. Reverse titrations of TlOAc and Hg(OAc)₂ with TlCl and TlBr were also carried out potentiometrically. M. Hudlický

ZUKHOV, P.E., dotsent, kandidat tekhnicheskikh nauk.

Dumping by truck at the Dashkesan iron ore pit. Gor.shur. no.5:
60-61 My '56. (MLRA 9:8)

(Dashkesan--Iron mines and mining)

ZUKROWSKI, L.

ZUKROWSKI, L. Refining industry in 1954. p. 275. Vol. 10, no. 12
Dec. 1954.
MŁODY TECHNIK. Warszawa Poland

SOURCE: East European Accessions List (EEAL) IC Vol.5 No. 6, June 1956

POLAND/Chemical Technology. Chemical Products and Their
Applications. Chemical Processing of Natural
Gases and Petroleum. Motor and Rocket Fuels.
Lubricants.

Abs Jour: Ref Zhur-Khin., No 8, 1959, 28897.

Author : Zukrowski, L.

Inst :

Title : Achievements of the Polish Petroleum Processing
Industry in 1957.

Orig Pub: Nafta (Polsk), 14, No 5, 117-124 (1958) (in Polish)

Abstract: The author presents statistical data on the growth
of the Polish petroleum processing industry in
1957 as well as on the capacity of the various pro-
cesses operated and also gives technico-economic

Card : 1/3

POLAND/Chemical Technology. Chemical Products and Their Applications. Chemical Processing of Natural Gases and Petroleum. Motor and Rocket Fuels. Lubricants.

Abs Jour: Ref Zhur-Khin., No 8, 1959, 28897.

performance indices for the industry for 1957 as compared with 1956. In 1957 the Polish petroleum processing industry has processed a total of 745,200 tons of crude, which represents a 3% increase over 1956. The import of crude remained unchanged at 614,000 tons. The production of the various types of petroleum products in 1957 was as follows (in thousands of tons): gasoline, 189; diesel fuel, 171; motor fuel, 58; lubricating oils, 161; asphalt and bitumen, 101; greases, 19. New technological processes have been developed for the production of transformer, motor, and machine oil, of SO-22 oil,

Card : 2/3

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POLAND/Chemical Technology. Chemical Products and Their Applications. Chemical Processing of Natural Gases and Petroleum. Motor and Rocket Fuels. Lubricants.

H

Abs Jour: Ref Zhur-Khin., No 8, 1959, 28897.

and of NK-30 and GOI-54 greases as well as of other imported lubricating materials. The construction plan of the industry has been fulfilled 100.7%. A new plant for the selective purification of lubricating oils with furfural (annual capacity 36,000 tons) has been put in operation and the capacity of acid refining plants has been increased by 20,000 tons. - A. Tishchenko.

Card : 3/3

Engineer Leon ZUKROWSKI: "Activity of the Refining Industry in 1956," Nafta,
Vol XIII, No 5, Katowice, May 1957, pp 123-127.

ZUKROWSKI, Leon

"Real Costs of the Refining Industry in 1954, " Nafta, Vol. IX, No. 4, Stalinogrod, 1955.

ZUKROWSKI, L.; WOJNAR, J.; ZIELINSKI, J.J.; MOSKAL, E.

Review of publications. Nafta 20 no.11:311-314. II '64.

POLAND/Chemical Technology. Chemical Products and Their Applications. Chemical Processing of Natural Gases and Petroleum. Motor and Rocket Fuels. Lubricants.

Abs Jour: Ref Zhur-Khin., No 8, 1959, 28897.

Author : Zukrowski, L.

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Title : Achievements of the Polish Petroleum Processing Industry in 1957.

Orig Pub: Nafta (Polsk), 14, No 5, 117-124 (1958) (in Polish)

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Card : 1/3

POLAND/Chemical Technology. Chemical Products and Their Applications. Chemical Processing of Natural Gases and Petroleum. Motor and Rocket Fuels. Lubricants.

II

Abs Jour: Ref Zhur-Khin., No 8, 1959, 28897.

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Card : 2/3

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POLAND/Chemical Technology. Chemical Products and Their Applications. Chemical Processing of Natural Gases and Petroleum. Motor and Rocket Fuels. Lubricants.

H:

Ibs Jour: Ref Zhur-Khim., No 8, 1959, 28897:

and of NK-30 and GOI-54 greases as well as of other imported lubricating materials. The construction plan of the industry has been fulfilled 100.7%. A new plant for the selective purification of lubricating oils with furfural (annual capacity 36,000 tons) has been put in operation and the capacity of acid refining plants has been increased by 20,000 tons. - A. Tishchenko.

Card : 3/3

ZUKROWSKI, Leon, inż.

Development and activities of the petroleum refining industry in
1960. Nafta Pol 17 no.10:289-294 0 '61.

1. Instytut Naftowy, Warszawa.

ZUKROWSKI, L.

Development of the refining industry during the years of the 6-Year Plan and prospects for the 5-Year Plan. p. 251.
Vol 11, no. 11 Nov. 1955. NAFTA. Krakow, Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956.

"Development of the Refining Industry in the Reborn Poland", p. 157, (NAFTA,
Vol. 10, No. 7, July 1954, Krakow, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5,
May 1955, Uncl.

ZUKROWSKI, Leon, inz.

Hydrorefining and catalytic reforming in the Homs Refinery in Syria. Nafta 20 no. 4: 109-111 Ap '64.

ZUKROWSKI, Leon, inz.

Development and activities of the petroleum refining industry in
1960. Pt. 1. Nafta Pol 17 no.9:254-260 S '61.

1. Instytut Naftowy, Warszawa.

ZUKROWSKI, W.

ZUKROWSKI, W. Jose Venturelli. p. 16.

No. 13, July 1956
ZOLNIERZ POLSKI
MILITARY & NAVAL SCIENCES
Warszawa, Poland

So: East European Accession, Vol. 6, No. 2, Feb. 1957

ZUKROWSKI, WOJCIECH

ZUKROWSKI, Wojciech

[3,000 kilometers through Vietnam; travel diary] Tri tysiaci kilometrov po V'etnamu; putevoi dnevnik. Avtorizovannyi perevod s pol'skogo I.A. Nemchinskogo. Moskva, Izd-vo "Pravda," 1954. (MIRA 7:5)
62 p. (Biblioteka "Ogonek," no.27)
(Vietnam--Description and travel)

SHEDLING, Feliks Maksimilianovich; ZUL', M.G., otv.red.; KUSEKOVA, A.I.,
red.; SHISHKOVA, L.M., tekhn.red.

[Theoretical drawing of small ships] Teoreticheski chertezh
melkikh sudov. Leningrad, Gos.soiuznoe izd-vo sudostroit.
promyshl., 1958. 74 p. (MIRA 12:12)
(Naval architecture) (Architectural drawing)

ZUL', M.G., inzh.

Conference on providing for the technological efficiency of the
repair of new ships during their design and construction
Sudostroenie 29 no.5:67-68 My '63. (MIRA 16:9)
(Shipbuilding--Congresses)

ZUL', N.M., kand.tekhn.nauk; AGALAROV, A.M., inzh.

Methodology for choosing optimum sectionalizing points in 6 to 10 kv. power distribution networks. Mekh. i elek. sots. sel'khoz.
21 no.4:36-38 '63. (MIRA 16:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva.
(Electric power distribution) (Electricity in agriculture)

ZUL', N.M., kand.tekhn.nauk

Calculating time circuit elements for a.c. automatic control diagrams.
Nauch. trudy VIKSRH 4:328-345 '59. (MIRA 13:11)
(Automatic control)

ZUL', N.M., kand.tekhn.nauk; OKUN', S.S., kand.tekhn.nauk;
SERGEYENKOV, B.N., inzh.; TSAGAREYSHVILI, S.A., inzh.

Smoothly regulated booster autotransformer for rural power
distribution networks. Elektrotehnika 35 no.3:25-27 Mr '64.
(MIRA 17:5)

SMIRNOV, B.V.; BYSTRITSKIY, D.M.; ZUL', N.M.; IOSIPYAN, S.G.; SERGO-
VANTSEV, V.T.

[Basic rules pertaining to the volume of remote control to be
installed in rural electric power stations and substations]
Osnovnye polozheniia po ob'emu telemekhanizatsii sel'skikh
elektricheskikh stantsii i podstantsii. Moskva, Otdel tekhn.
informatsii, 1958. 16 p. (MIRA 13:4)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva (VIESKh) (for Smirnov, Bystritskiy, Zul'). 3. Ministerstvo sel'skogo khozyaystva SSSR (for Iosipyan). 4. Moskovskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva im. V.M.Molotova (MIMESKh) (for Sergoventsev).

(Electric power distribution)

ZUL', N.M., kand.tekhn.nauk

Investigating automatic relay protections activated by a condenser discharge, [Nauch.trudy] VINSKH 3:457-482 '58.

(MIRA 13:4)

(Electric networks)

ZUL', N. M.

Electric Switchgear

Plan for increasing shield activity in front of the recloser. Elek. sta., 23, No. 6,
1952.

Monthly List of Russian Accessions. Library of Congress, October 1952. Unclassified.

ZUL', N.M., kand.tekhn.nauk

Automation of rural electric power distribution networks.

Vest. elektroprom. 33 no.9:3-7 S '62.

(MIRA 15:10)

(Automatic control)

(Rural electrification)

ZUL', N.M., kand.tekhn.nauk; YAKOBS, A.I., kand.tekhn.nauk

Development and study of a single-stage automatic booster transformer. Nauch. trudy VIESKH 7:128-152 '60. (MIRA 15:8)
(Rural electrification)
(Electric power distribution--Equipment and supplies)
(Electric transformers)

ZUL', N.M., inzhener.

Experimental examination of processes during automatic reclosing of a 30 Kv
network. Elektrichestvo no.11:89-90 N '53. (MLHA 6:10)
(Electric networks)

ZUL', N.M., kand.tekhn.nauk

Analytical method for determining taps on 6-10/0,4 kv. power transformers and voltage regulation in rural 6 to 10 kv. power distribution networks. Nauch. trudy VIESKH 11:178-184 '62. (MIRA 16:3)

(Electric transformers) (Electric power distribution)

BUDZKO, Igor' Aleksandrovich, doktor tekhn. nauk, prof., akad.; ZAKHARIN, Andrey Georgiyevich, doktor tekhn. nauk; EBIN, Lev Yefimovich, doktor tekhn. nauk, prof.; KANAKIN, N.S., inzh.; LEVIN, M.S., kand. tekhn. nauk; YAKOBS, A.I., kand. tekhn. nauk; GROYS, Ye.S., inzh.; ZUL' N.M., kand. tekhn. nauk; POYARKOV, K.M., kand. tekhn. nauk; MURADYAN, A.Ye., kand. tekhn. nauk; KRAUSP, V.R., kand. tekhn. nauk; SHATS, Ye.L., kand. tekhn. nauk; IOKHVIDOV, E.S., red.; BIL'DYAYEV, N.A., tekhn. red.

[Rural electric power distribution networks] Sel'skie elektricheskie seti. Moskva, Gosenergoizdat, 1963. 262 p.
(MIRA 16:5)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Budzko).
(Rural electrification) (Electric power distribution)

ZUL', XX N. M.

"Problems of the Automatic Reconnection in Rural Electric Plants." 18 Nov '52.

Dissertation for the degree of Cand. Tech. Sci. at the All-Union Inst. for the Mechanization and Electrification of Agriculture.

Official opponents were: Dr. Tech. Sci., Prof. M. F. Poyarkov and Dr. of Tech. Sci., Prof. L. Ye. Ebin.

ZUL', N.M.; YAKOBS, A. I.

Booster transformer for 6 - 10 kv. networks with automatic control
apparatus. Sbor. nauch.-tekh. inform. po elek. sel'khoz no. 7:49-50
'59. (MIRA 13:9)

(Electric transformers)

ZUL', N.M.

Graphs for calculating 6 - 10 kv. networks with voltage regulation.
Sbor. nauch.-tekh. inform. po elek. sel'khoz. no.7:50-53 '59.
(MIRA 13:9)

(Voltage regulators)

ZUL', N.M., kand.tekhn.nauk; RAYCHENKO, O.Ye., inzh.

Sectionalization of 380 and 220 v. cable networks. Nauch. trudy
VIESKH 6:279-291 '59. (MIRA 13:12)
(Electric power distribution)

ZUL', N.M., kand. tekhn. nauk

Increase in the reliability of rural electric power distribution systems. Elek. sta. 35 no.3:70-73 Mz '64.

(MIRA 17:6)

FEYERMARK, M.M., inzh.; EBIN, L.Ye., doktor tekhn.nauk, LEVIN, M.S., kand.
tekhn.nauk, ZUL', N.M., kand.tekhn.nauk, SOLNTSEV, V.M., inzh.,
KORSHUNOV, A.P., inzh.

Grounding of the neutral line in 6 and 10 kv. overhead networks.
Energetik 8 no.11:12-16 N°60. (MIRA 13:12)

1. UGPI "Tyazhpromelektroproyekt" (for Feyermark). 2. Vsesoyuznyy
nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyay-
stva (for Ebin, Levin, Zul'). 3. Giprosel'elektro (for Solntsev,
Korshunov).

(Electric power distribution)
(Electric currents--Grounding)

ZUL', N.M., kand. tekhn. nauk

Regulation of potential in low-voltage networks. Elektrichestvo
no. 5:82-84 My '60. (MIRA 1):9)

1. Vsesoyuznyy institut elektifikatsii sel'skogo khozyaystva.
(Voltage regulators) (Electric networks)

ZUL, N.M.

91-58-7-4/27

AUTHOR: Zul', N. M., Plyugachev, V. K., Candidates of Technical Sciences, Isayenko, A.V., Kozyulin, A.S., Kurtsvayl', G.I., Bernshteyn, L.Kh., Yeganov, B.N., Engineers

TITLE: The Protection of Branches of 6 to 10 kv Lines (O zashchite otpayek ot liniy 6-10 kv).

PERIODICAL: Energetik, 1958, Nr 7, pp 11-18 (USSR).

ABSTRACT: The editor prints the comments on articles dealing with the above problem published by P. V. Ternikov in "Energetik", Nr 4, 1956 and by M. Yu. Shukhatovich in "Energetik", Nr. 6, 1957. N. M. Zul', Candidate of Technical Sciences says that most of the 6 to 10 kv rural distributing networks with radial long distance branched lines are protected only at the terminal switch. To increase the reliability of the electric power supply, it is recommended to tap the lines widely utilizing safety fuses. Combining main line safety fuses with those of branch lines, as well as with automatic reclosing systems is very advisable. This method is described in detail. The following devices can be utilized: "UGP-51" or PG-10" types for automatic reclosing; "IT-81" type relay, direct release relays and safety fuses of "PSN" or "PK" type. Experimental samples of reclosing safety fuses have been

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The Protection of Branches of 6 to 10 kv Lines

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worked out and manufactured at "VET" and "VIESKh" on the basis of "PK" type fuses, and the 10 kv line switch of pole type with simple instantaneous and automatic load reclosing of single-phase model with nominal currents of 5 to 20 amp. and breaking capacity of 5 mega volt-amperes has been worked out by the "Uralslektroapparat" plant. V. K. Plyugachev, Candidate of Technical Sciences and A. V. Isayenko, Engineer, examine lines with dead branches. The automatic reclosing system cannot be utilized in this case. The exact solution can be obtained only by determining the failure-rate of lines and other elements of electric power supply. The average failure-rates of certain elements of networks are contained in a table and the method of determining the breakdown loss of electric energy on lines with automatic reclosing system and branches without safety fuses is described in detail. A. S. Kozyulin, Engineer, indicates that in a network rayon containing lines of a few hundred kilometers length, over a 5 year period, 80% of the failures were caused by short-circuits to the earth. Inter-phase short-circuits were caused mainly by a fall of line supports. G. I. Kurtsvayl', Engineer, says that most branched town distributing networks of 6 to 10 kv have a radial power

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supply, and that subscriber's branch lines can be connected with main lines only by disconnectors. Such lines are located with 2 to 3.5 megawatts and their total length attains 3 to 5 km. They are connected with 25 to 35 transformers, which are protected only at the switch of line terminal section coming from the bars of the rayon substation. Such lines are to be connected with subscribers by means of "PK" type safety fuses and power disconnectors (load switches) of "VN-16" type in closed rooms of "PT" type or by means of "PSN-10" type safety fuses in outdoor installations. L.Kh. Bernsteyn, Engineer, writes that long distance branched networks of 6 to 10 kv with radial power supply can be protected by safety fuses, but the latter must be combined with disconnectors for subdividing main lines. However, the design of pole safety fuses described by P.V. Ternikov is not to be recommended.

B.N. Yeganov, Engineer, writes that the protection of branched 6 to 10 kv main lines can be carried out in many variants utilized according to the total length of the main line. There are 2 figures, 1 graph, 2 tables and 3 Soviet references.

Card 3/3

1. Transmission lines--Overload protection
2. Fuses (Electricity)
- Equipment
3. Electric switches--Equipment

BUDZKO, Igor' Aleksandrovich; BODIN, Aleksandr Platonovich; ZUL',
Nikolay Mikhaylovich; POYARKOV, Kirill Mikhaylovich;
YAKOBS, Aleksey Ivanovich; ZELENETSKAYA, L.V., red.;
SAYTANIDI, L.D., tekhn. red.

[Calculation of rural electric power distribution networks
with voltage regulation] Raschet sel'skikh elektricheskikh
setei s regulirovaniem napriazhenia. [By] I.A. Budzko i dr.
Moskva, MSKh RSFSR, 1963. 108 p. (MIRA 16:10)
(Electric power distribution)

ZUL', N.M., kand.tekhn.nauk; MOLOSNOV, N.F., inzh.

Attachment for double automatic reclosing. Energetik 11 no.5:
31-33 My '63. (MIHA 16:7)
(Electric switchgear) (Electric outouts)

ZUL', N.M., kand. tekhn. nauk; LEVIN, M.S., kand. tekhn. nauk.

Sectionalization of rural electric networks. Mekh. i elek. sots. sel'khoz.
16 no.5:33-36 '58. (MIRA 11:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii
sel'skogo khozyaystva.
(Electric power distribution) (Rural electrification)

BUDZKO, I.A., akademik; ZUL', N.M., kand.tekhn.nauk

For technological progress in rural electrification. Vest.
elektroprom. 32 no.7:1-6 JI '61. (MIRA 14:10)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni
V.I. Lenina (for Budzko).
(Electricity in agriculture)

ARONOV, I.Z.; ZUL', N.M., kand.tekhn.nauk; RAYCHENKO, O.Ye., inzh.

Electromechanical parameters of VZM-10 electric line cutouts.
Vest. elektroprom. 32 no.12:16-21 D '61. (MIRA 14:12)
(Electric cutouts)

EBIN, L.Ye., doktor tekhn.nauk; ZUL', N.M., kand.tekhn.nauk; LEVIN, M.S.,
kand.tekhn.nauk; YAKOBS, A.I., kand.tekhn.nauk; ZHULIN, M.T.,
kand.tekhn.nauk; IL'ICHEV, F.V., inzh.; KUZNETSOV, V.I., inzh.

Concerning A.P.Korshunov's article "Efficient design of 6 to 10 kv.
rural electric power transmission lines." Elek. sta. 32 no.12:
78-83 D '61. (MIRA 15:1)
(Rural electrification) (Electric power distribution)
(Korshunov, A.P.)

ZUL', N.M., kand.tekhn.nauk; KRAUSP, V.R., kand.tekhn.nauk; PECHKVNIY,
G.A., inzh.

Automatic separators for 6 to 10 kv. Vest. elektropron. 32 no.3:
29-32 Mr '61. (MIRA 15:6)

(Electric switchgear)

ZUL', N.M., kand.tekhn.nauk; KRAUSP, V.R., kand.tekhn.nauk

Concerning new schematics for 35/10 kv. electric substations for use
in agriculture. Elek. sta. 32 no. 5:55-57 My '61. (MIRA 14:5)
(Electric substations)

8 (6)

AUTHORS:

Volosatov, O. P., Engineer, 307/105-59-6-27/28
Grichevskiy, E. Ya., Engineer, Frangulyan, V. I., Engineer,
Zul', N. M., Candidate of Technical Sciences, Yakobs, A. I.,
Candidate of Technical Sciences

TITLE:

S. A. Burguchev. Power Stations and Substations for Agriculture.
A Manual for the Departments of Electrification in Agriculture.
671 Pages, Price 16 Rubles 5 Kopecks, Publishing House Sel'khozgiz,
1958 (S. A. Burguchev. Elektricheskiye stantsii i podstantsii
sel'skokhozyaystvennogo naznacheniya. Uchebnoye posobiye dlya
fakul'tetov elektrifikatsii sel'skogo khozyaystva. 671 str.,
ts. 16 rub. 5 kop. Sel'khozgiz, 1958)

PERIODICAL:

Elektrichestvo, 1959, Nr 6, pp 95 - 96 (USSR)

ABSTRACT:

This is a book review. The author has written this valuable
book backed by his long engineering and teaching experience.
It can be used by students and by engineers working in the
electrification of agriculture. It may come in useful also for
extension courses. It is very well arranged, and all basic
chapters of the course have been given ample space. The subject
is discussed from the viewpoint of modern engineering solutions.

Card 1/2

S. A. Burguchev. Power Stations and Substations
for Agriculture. A Manual for the Departments of Electrification in Agriculture
671 Pages, Price 16 Rubles 5 Kopecks, Publishing House Sel'khozgiz, 1958

SOV/105-59-6-27/28

A great deal of attention is also paid to the physical
interpretation of problems. A sufficient number of sample
problems are added. The book has 12 sections with 44 chapters.
A short summary of each chapter is given, and rare shortcomings
are indicated.

ASSOCIATION:

Giprosel'elektro (All-Union Institute for the Design and
Planning of Rural Electrification), VIESKh (All-Union Scientific
Research Institute of Rural Electrification)

Card 2/2

ZUL, N.M.

ZUL', N.M., kandidat tekhnicheskikh nauk

Experimental investigation of processes during automatic reclosing
in a rural hydroelectric power station with 1,000 kv capacity.
Nauch.trudy VIESKH no.1:50-61 '54. (MLRA 8:11)
(Electric power distribution)

~~ZUL' N.M.~~ kandidat tekhnicheskikh nauk (Moskva); MITYUSHKIN, I.G., kandidat
tekhnicheskikh nauk (Moskva)

Calculating electromagnetic relays in circuits having condensers.
Elektrichestvo no. 4:35-39 Ap '57. (MLRA 10:5)
(Electric relays)

ZUL', N. M.

ZUL', N. M. "Problems of Automatic Multiple Switching in Farm Electric Installations." Sub 18 Nov 52, Joint Sci Council of VIM and VIESKH (Dissertation for the Degree of Candidate in Technical Sciences)

SO: VECHERNAYA MOSKVA, JANUARY-DECEMBER 1952

ZUL', M.M.; KRAUSP, V.R.

Using various types of relay protection in 6- 10 kv. networks.
Sbor. nauch.-tekh. inform. po elek. sel'khoz. no.6:28-33 '59.
(MIRA 13:9)

(Electric protection)

ZUL', N.M., kand. tekhn. nauk; KRAUSP. V.R., inzh.

Utilizing relay protection in rural electric networks. Mekh. i
elek. sets. sel'khoz. 17 no.2:32-34 '59. (MIRA 12:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'-
skogo khozyaystva.

(Electric relays) (Rural electrification)

1. ZUL', ENG. N. M.
2. USSR (600)
4. Electric Circuit Breakers
7. Behavior of switches during the automatic reclosing of circuit breakers.
Elek. sta. 23 no. 9, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

ZUL', N.M., kand.tekhn.nauk; KOZYULIN, A.S., inzh.; KURTSVAYL', G.I., inzh.;
BERNSHTEYN, L.Kh., inzh.; YEGANOV, B.N., inzh.

Spur protection on 6-10 kv. lines. Energetik 6 no.7:11-18 J1 '58.
(Electric switchgear) (MIRA 11:10)

ZUL', Nikolay Mikhaylovich, kand. tekhn. nauk; FOYARKOV, Kirill
Mikhaylovich, kand. tekhn. nauk; YESIPOVICH, N.M., red.;
NIKITINA, V.M., red.

[Automation of rural electric power supply] Avtomatizatsiia
sel'skogo elektroobzheniia. Moskva, Kolos, 1965. 287 p.
(MIHA 18:3)

MAMEDOV, N.N.; ZULALOV, Yu.I.

Using M-601 motors in turbodrilling [in Azerbaijani with summary
in Russian]. Azerb. neft. khoz. 37 no.3:11-13 Apr '58. (MIRA 11:8)
(Diesel engine)

DZHALILOV, D.G.; ZULALOV, Yu.I.

Permissible deflections of well bottoms in the Neftyanyye Kamni
field. Neft. khoz. 40 no.12:25-27 D '62. (MIRA 16:7)

(Neftyanyye Kamni region--Oil well drilling, Submarine)

ZULALOV, Yu.I.; DZHALILOV, D.G.

Increasing the directional drilling rates in the Neftyanyye
Kamni field. Azerb. neft. khoz. 41 no.9:19-23 S 162.

(MIRA 16:6)

(Neftyanyye Kamni region--Oil well drilling)

PLYUSHCH, A.M.; ZULALOV, Yu.I.; MDIVANI, A.G.

Effect of the drilling depth on expenditures on spare parts.

Mash. i nef. obr. no.8:20-21 '64.

(MIRA 17:11)

1. Institut razrabotki neftyanykh i gazovykh mestorozhdeniy AN Az-SSR, ob"yedineniye "Azneft" i Neftepromyshlovoye upravleniye im. XXII s"yezda Kommunisticheskoy partii Sovetskogo Soyuza.

ZULAWSKA, P.

"Remarks concerning clothing production in Czechoslovakia." p. 96. (ODZIEZ,
Vol. 4, no. 3, Mar. 1953, Lodz, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Uncl.

MADEJCZYK, Anna; ZBORZIL, Jozef; ZELECHOWSKA, Anna; ZULAWSKI, Maciej

Evaluation of chemotherapy of advanced tumors according to
data of the Chemotherapy Unit of the Institute of Oncology in
Warsaw. Nowotwory 14 no.1:49-52 Ja-Mr '64.

1. Instytut Onkologii w Warszawie (Dyrektor: prof. dr. med.
W. Jasinski).

ZUBALSKI, WACŁAW.

Tragedie tatrzańskie. Warszawa, Sport i Turystyka, 1956. 106 p.
(Tragedies in the Tatra Mountains. illus., ports., footnotes, glossary)

SO: Monthly index of East European Accessions (AEEI) Vol. 6, No. 11, November 1957.

ZULAWSKA, Zofia

New methods in raw silk manufacture. Przegl Wlokien 17
no. 12:418-422 D '63.

CERLING, E.K.; KOLISOVA, T.V.; PETROV, B.V.; ZULFIKAROVA, Z.K.

Study of the suitability of amphiboles for the determination
of the absolute age of rocks by the potassium argon method.
Geokhimiia no.2:219-226 F '65.

(MIRA 16:6)

Russian Poetry - History and Criticism

"I sing of the dawn." Zul'fiya. Reviewed by
Ye. Valina. Rabotnitsa No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress,
August, 1952. UNCLASSIFIED.

ZUL'FUGARLY, D.I.; UMAKHANOVA, N.S.

Vanadium and nickel in Chokrak oils of Dagestan. Azerb.khim.
shur. no.2:129-135 '59. (MIRA 13:6)
(Chokrak region(Dagestan)--Petroleum--Analysis)
(Vanadium--Analysis) (Nickel--Analysis)

5.3300(B)

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SOV/81-59-10-36405

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 10, p 439 (USSR)

AUTHORS: Nasirov, A.B., Gutyrya, V.S., Zul'fugarly, D.I.

TITLE: Effect of Some Conditions of Catalytic Cracking in a Bubbling Layer of Synthetic Alumosilicate on the Formation of Aromatic Hydrocarbons in the Composition of Gasoline "

PERIODICAL: Sb. tr. Azerb. n.-i. in-t neftepererabat. prom-sti, 1958, Nr 2, pp 44-55 (Azerbaijdzhanian summary)

ABSTRACT: The catalytic two-stage cracking of the kerosene-gas-oil fractions of Baku petroleum has been investigated; the first stage is realized in an installation with circulating bubbling alumosilicate catalyst, the second stage in a reactor with a stationary bubbling layer of the same catalyst. Gasoline of two-stage cracking obtained from two types of petroleum of different composition is characterized by approximately the same hydrocarbon composition depending on the temperature in the first stage: with an increase in the temperature of the first stage from 420 to 480°C, in gasoline of the second stage the content of aromatic hydrocarbons increases from 29.4 - 26.1 to 35.0 - 42.5% at the expense of the reduction

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